

FIG. 1

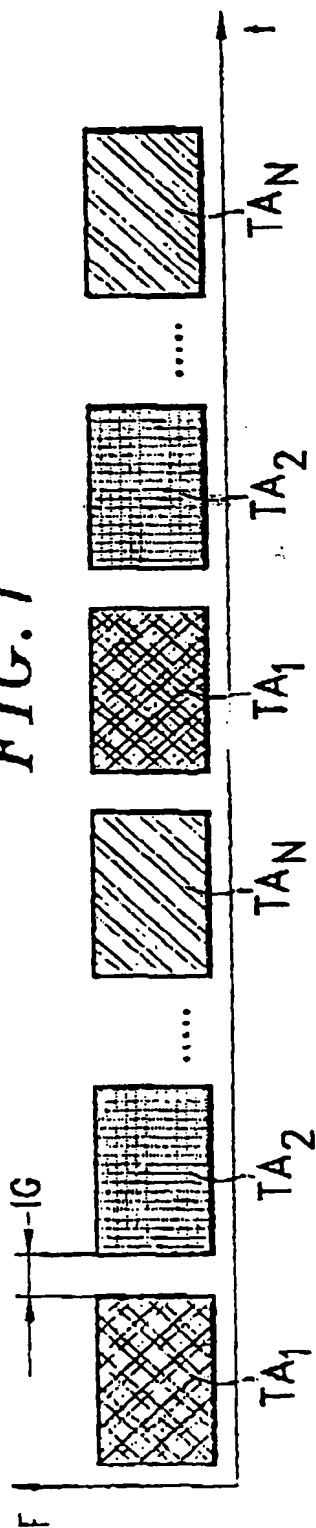
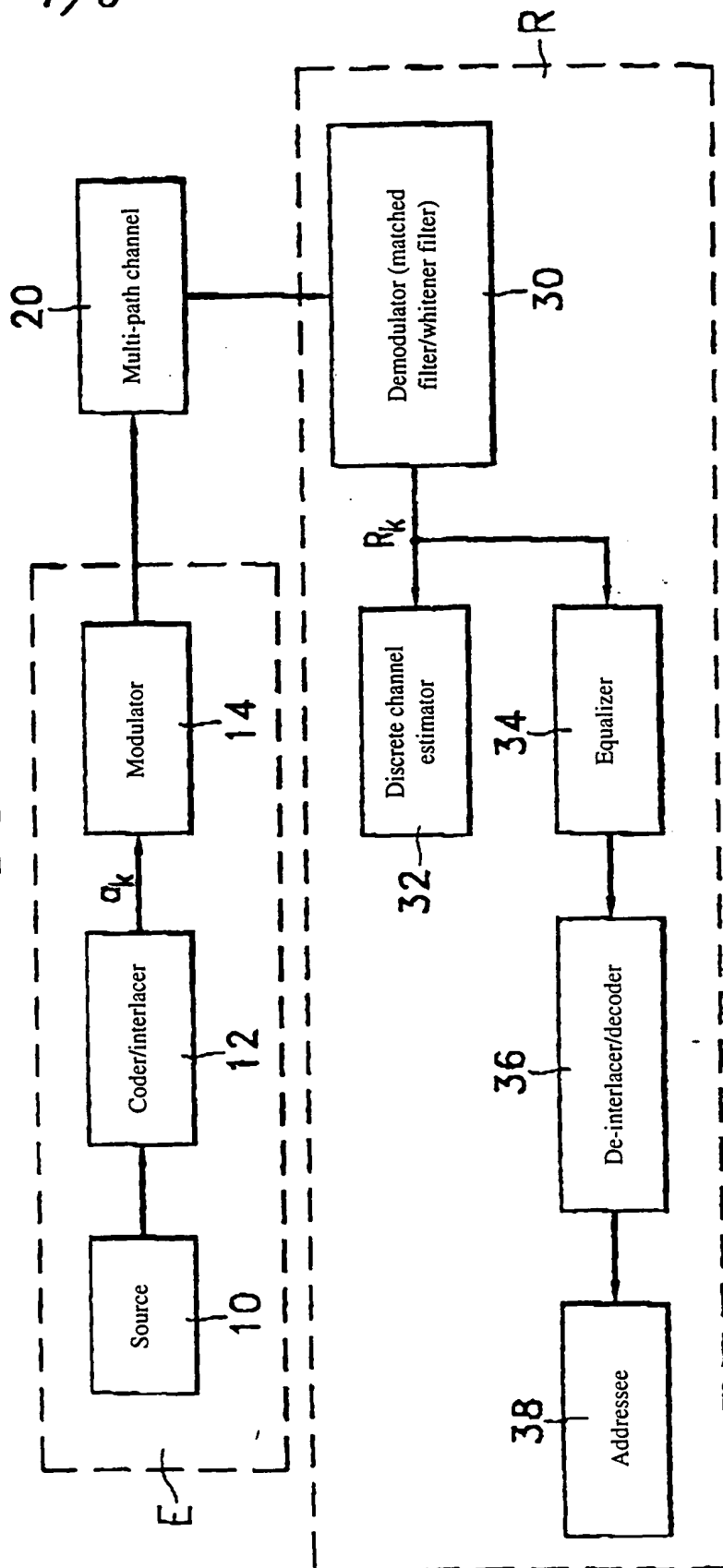


FIG. 2



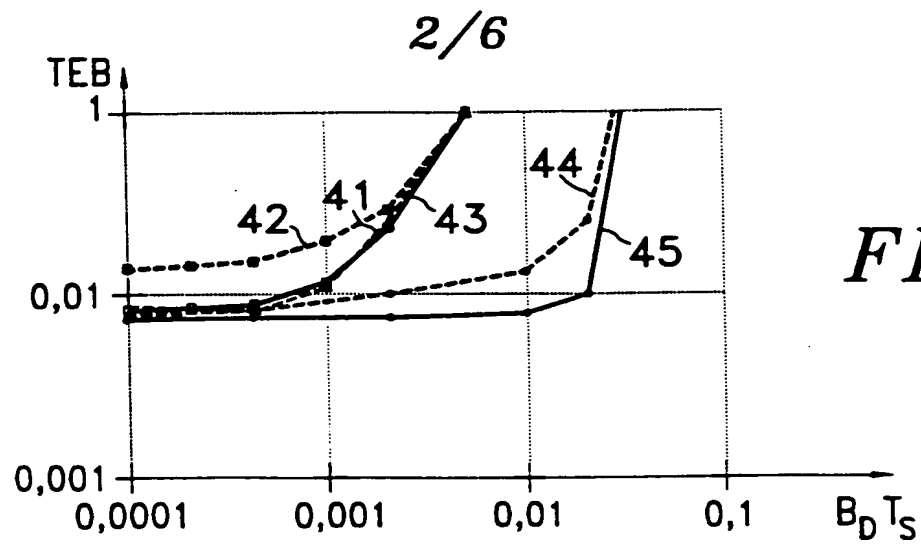


FIG. 3

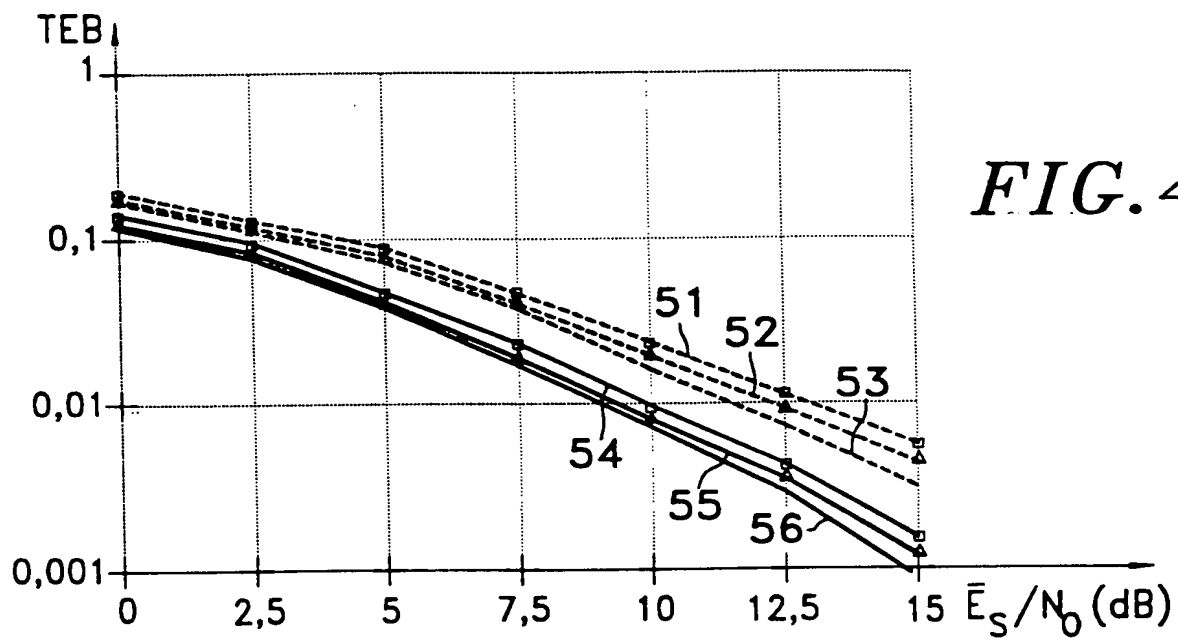


FIG. 4

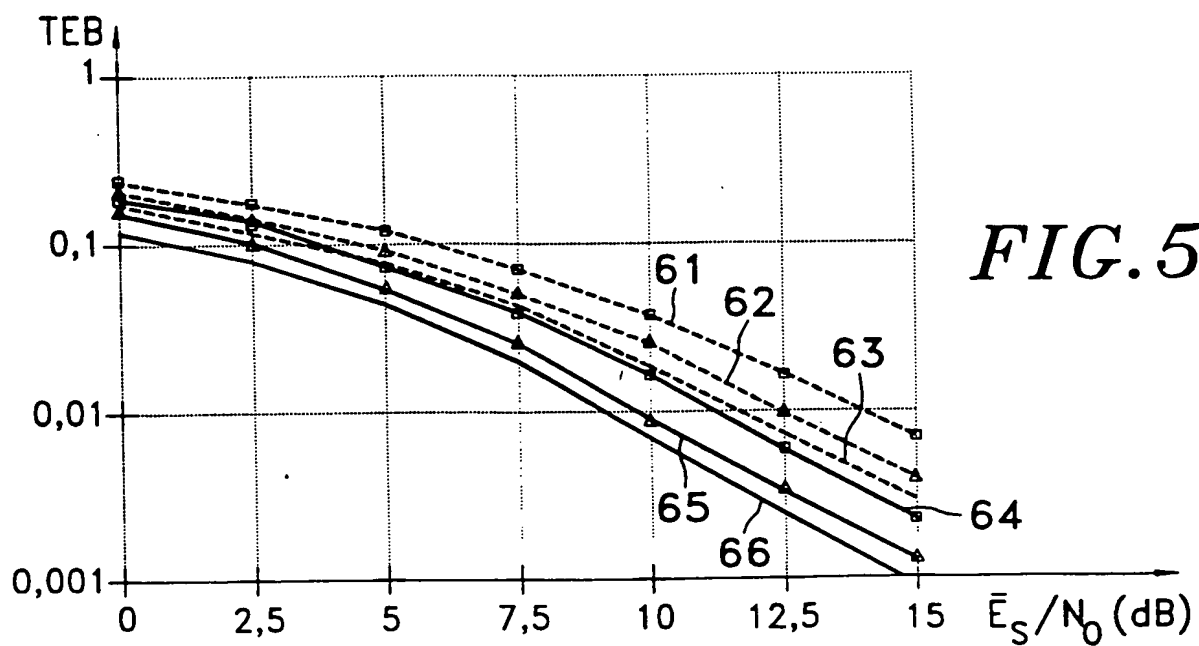


FIG. 5

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FIG. 6

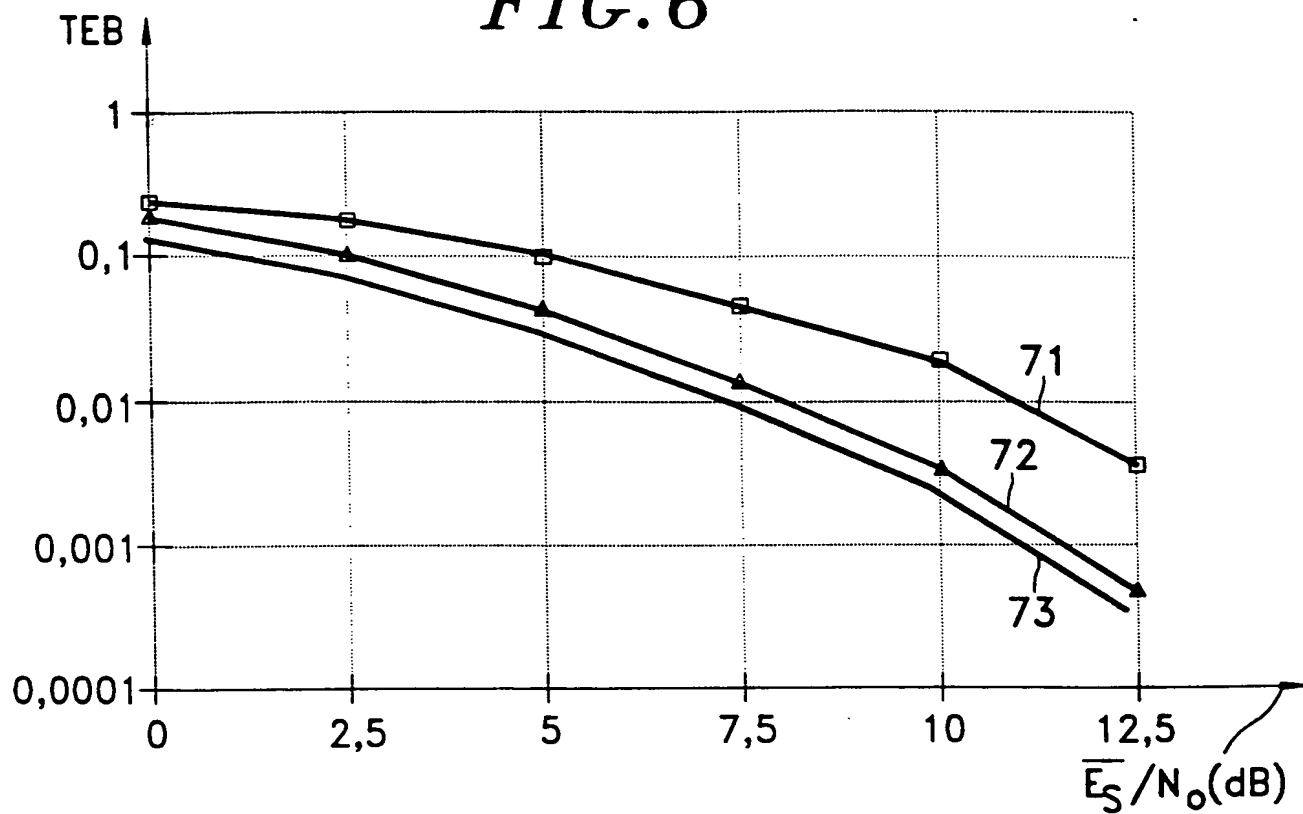


FIG. 7

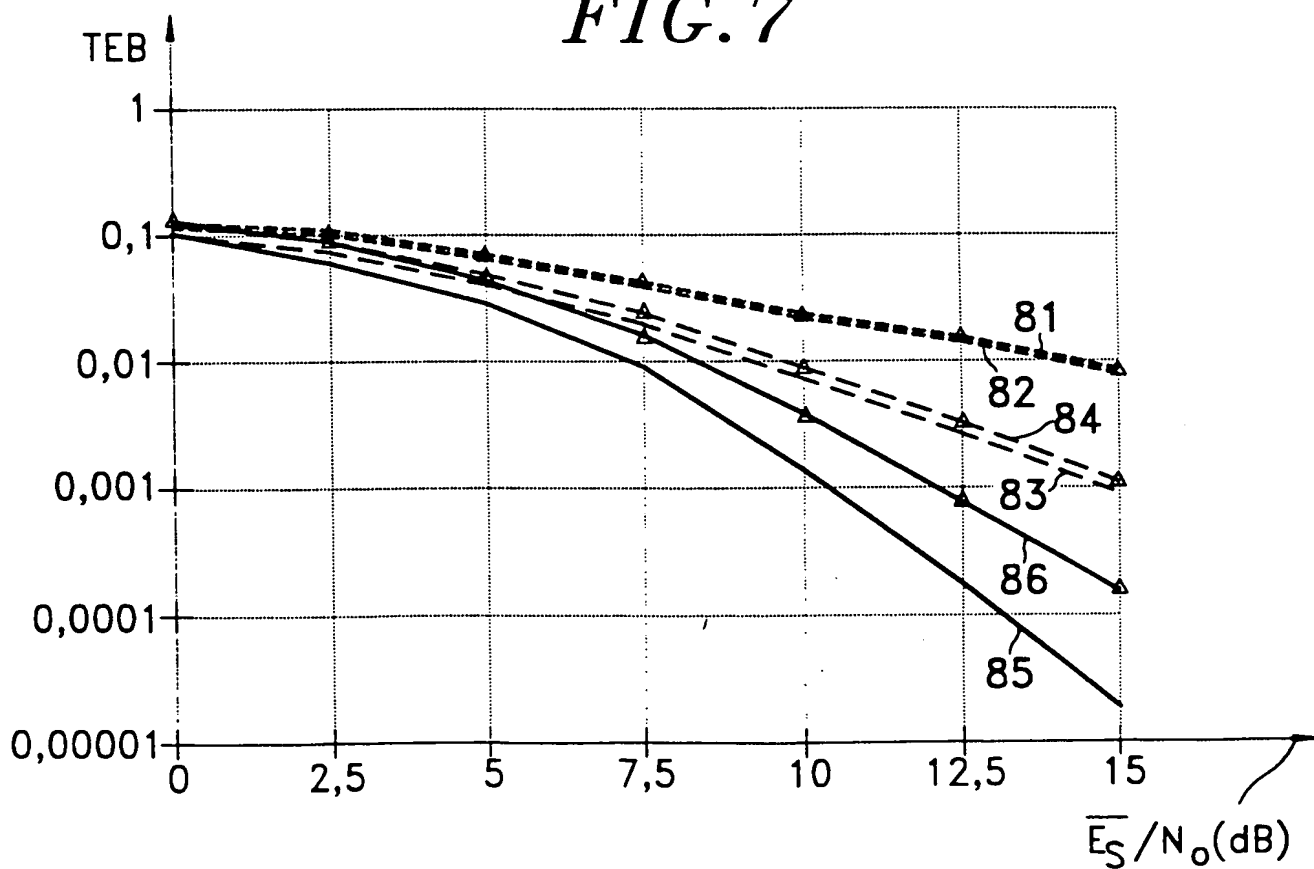


FIG. 8a

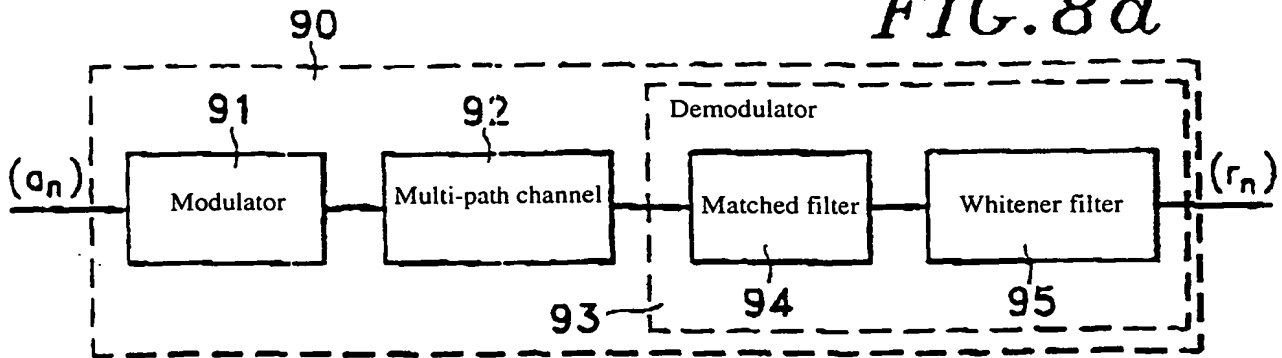


FIG. 8b

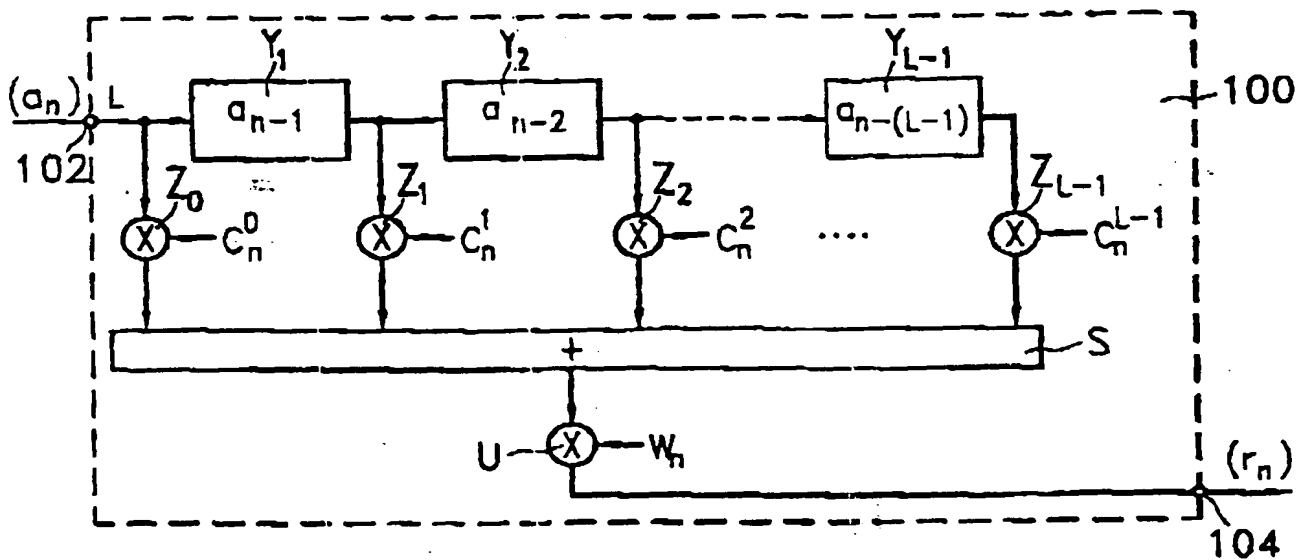


FIG. 9

Reference sequence

CAZAC sequence

A...	A_{n-5}	$A_{n-4} = -1$	$A_{n-3} = +1$	$A_{n-2} = +1$	$A_{n-1} = +1$	$A_n = -1$	A_{n+1}	...
T1...	$-C_{n-4}^0$	$+C_{n-3}^0$	$+C_{n-2}^0$	$+C_{n-1}^0$	$-C_n^0$	C_{n+1}^0	A_{n+1}	...
T2...	$C_{n-4}^1 A_{n-5}$	$-C_{n-3}^1$	$-C_{n-2}^1$	$+C_{n-1}^1$	$+C_n^1$	$-C_{n+1}^1$...
S ...	$-C_{n-4}^0$ $+C_{n-4}^1 A_{n-5}$ $+W_{n-4}$	$+C_{n-3}^0$ $-C_{n-3}^1$ $+W_{n-3}$	$+C_{n-2}^0$ $+C_{n-2}^1$ $+W_{n-2}$	$+C_{n-1}^0$ $+C_{n-1}^1$ $+W_{n-1}$	$-C_n^0$ $+C_n^1$ $+W_n$	$C_{n+1}^0 A_{n+1}$ $-C_{n+1}^1$ $+W_{n+1}$...

FIG. 10

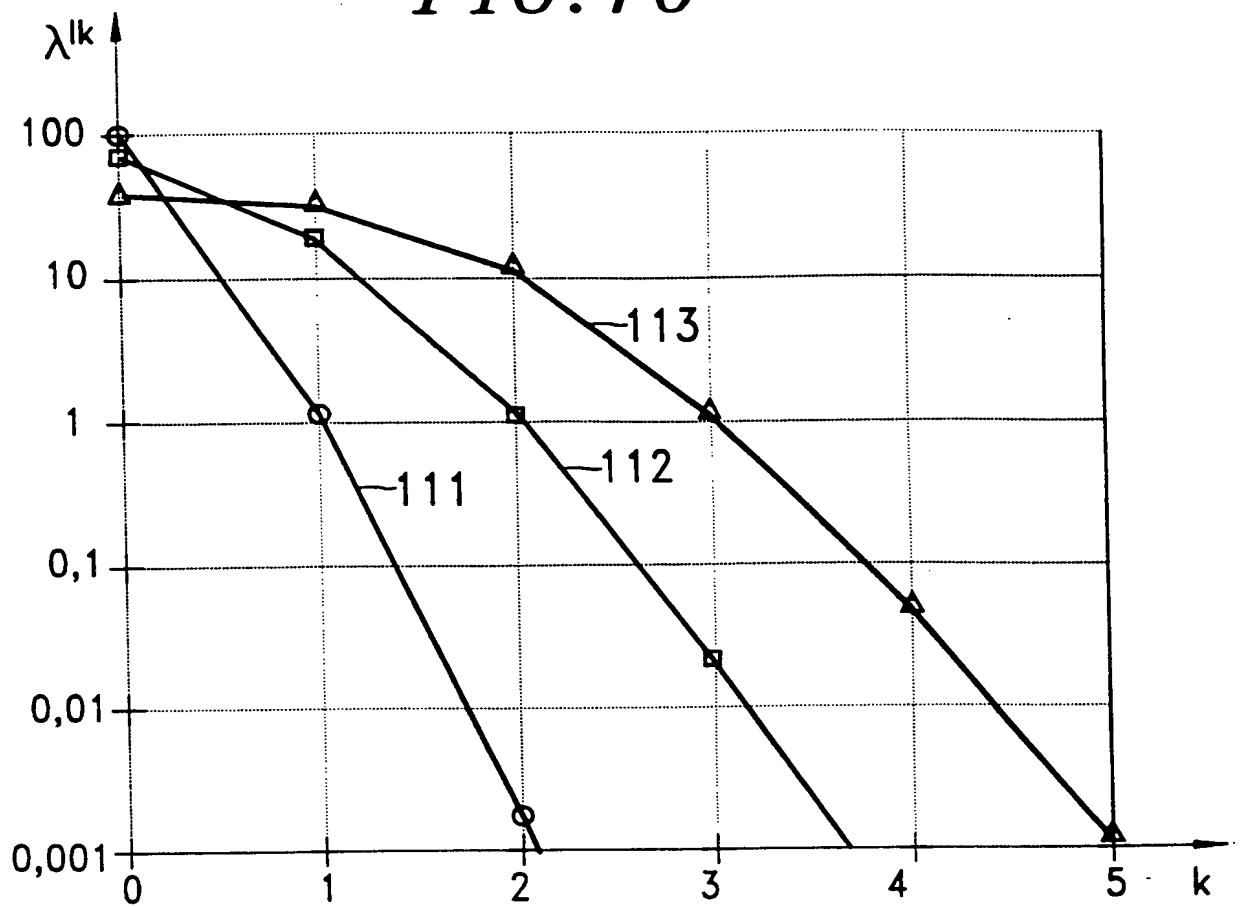


FIG. 11

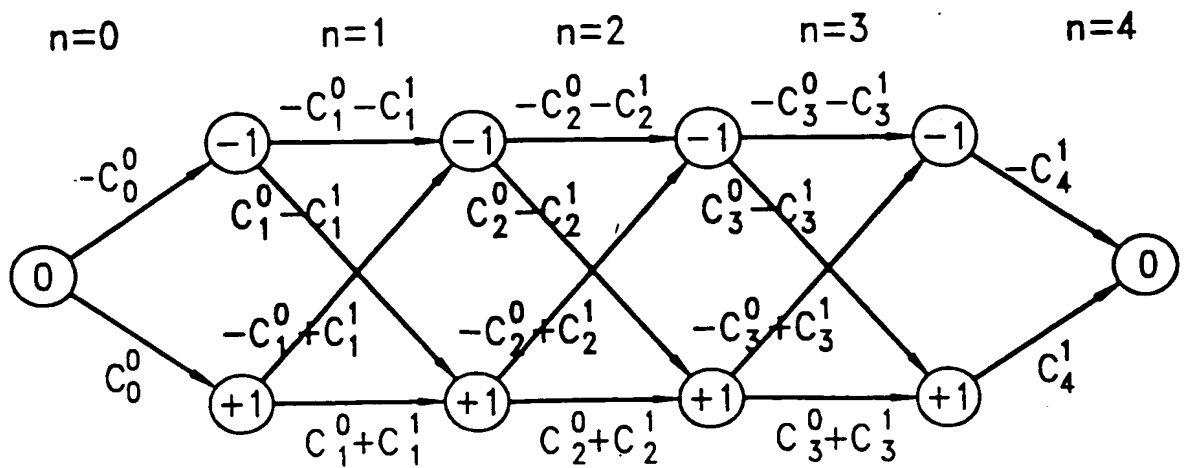


FIG. 12

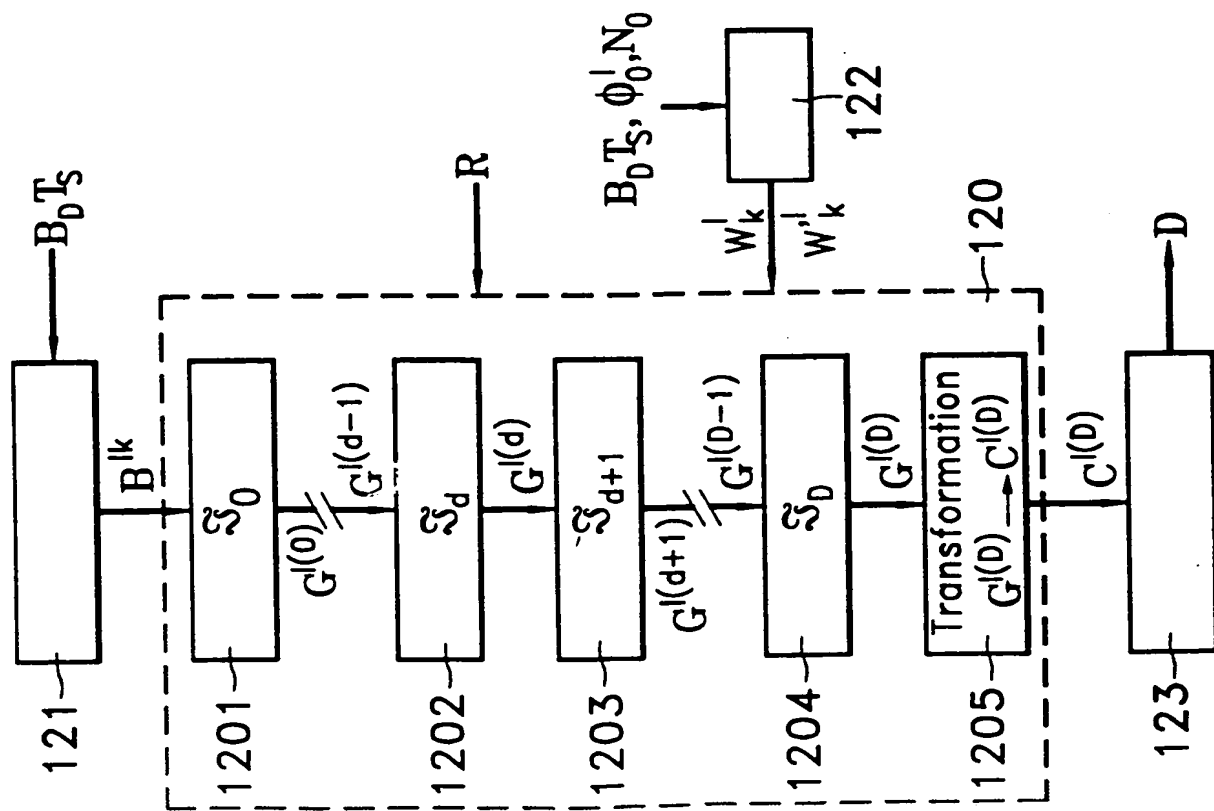


FIG. 13

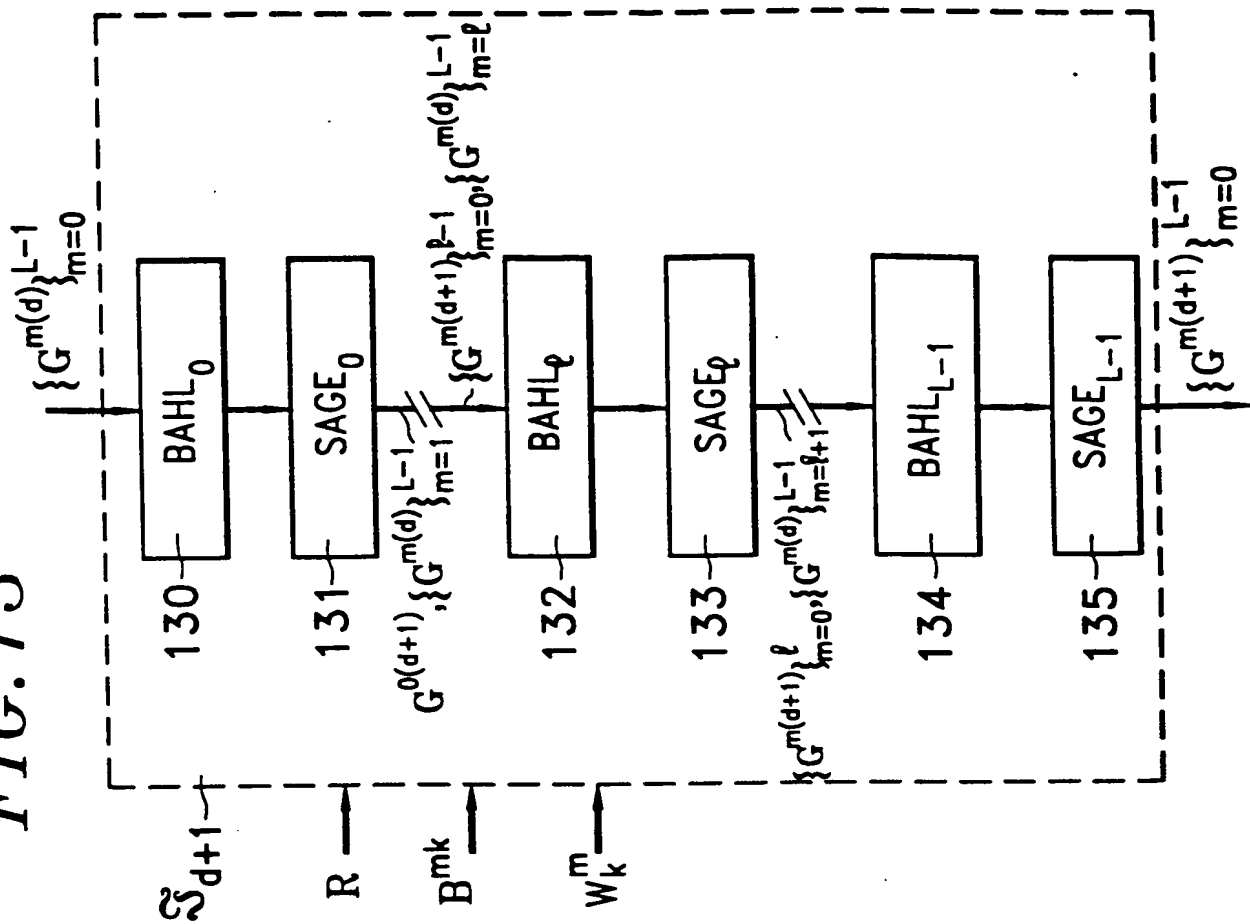


FIG. 1

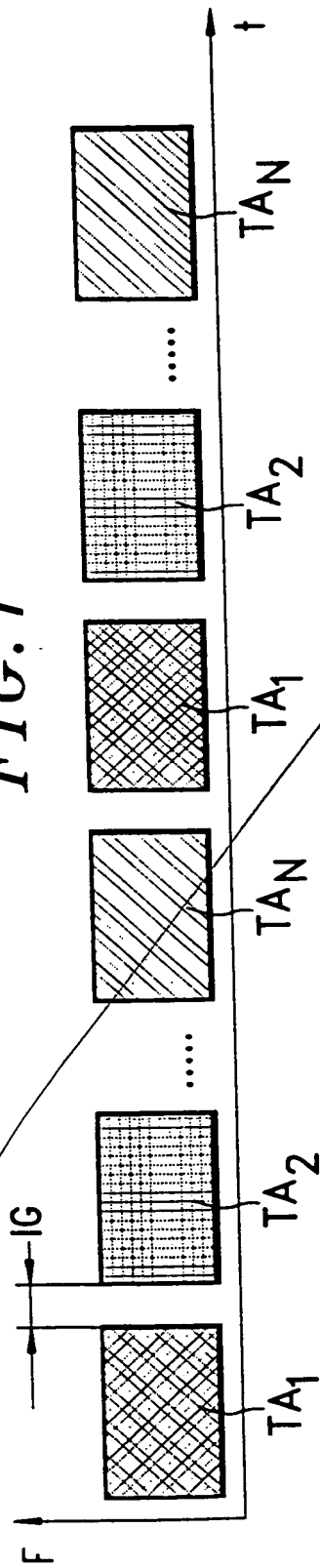


FIG. 2

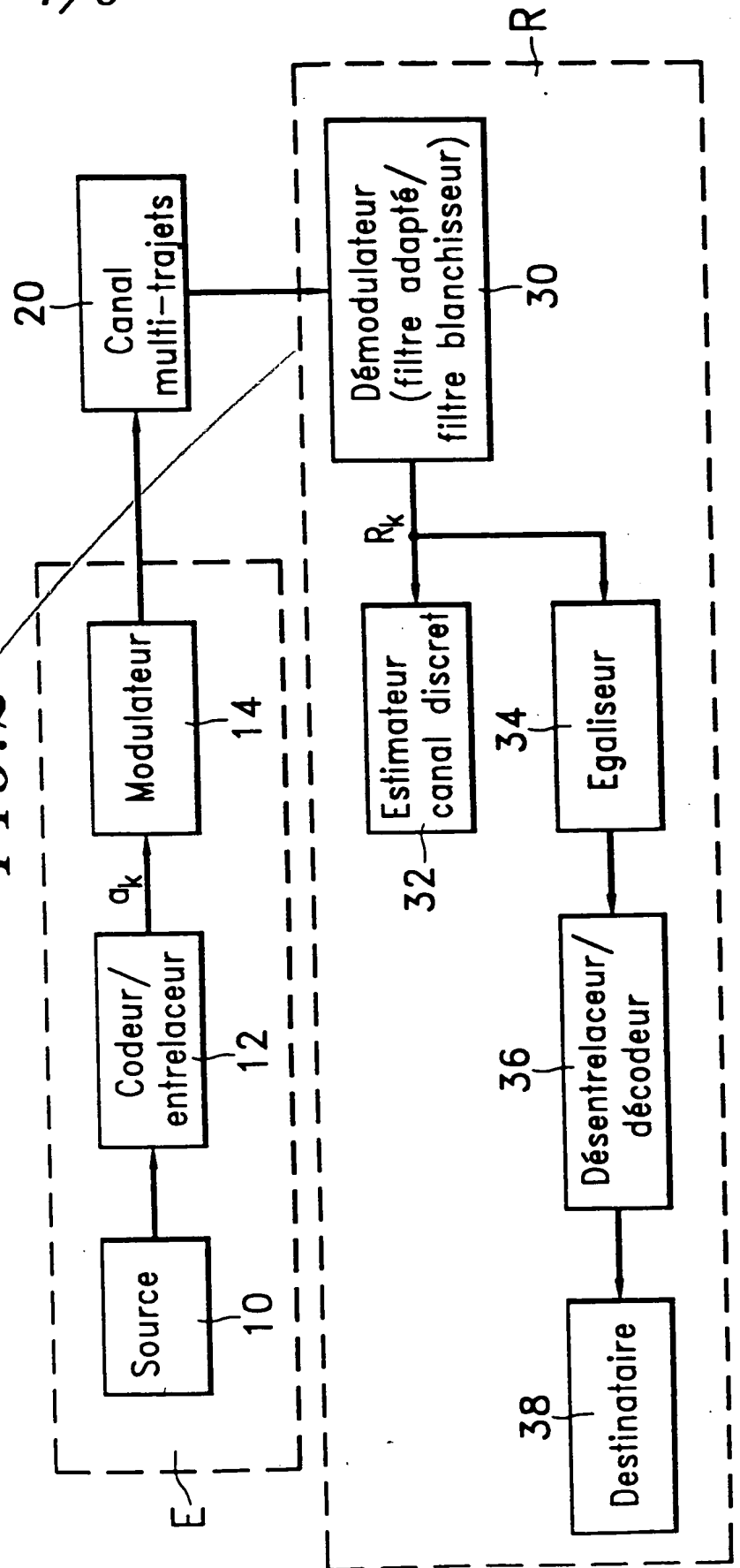


FIG. 8a

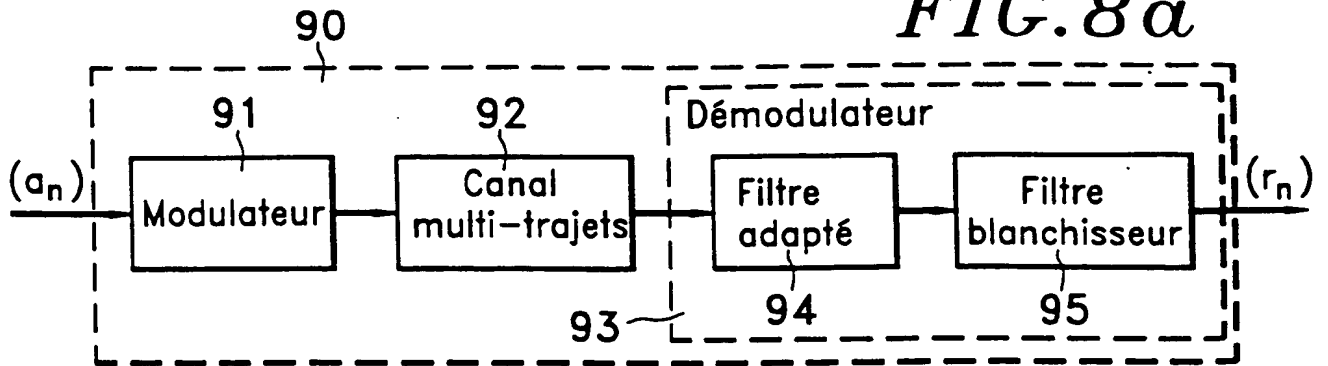


FIG. 8b

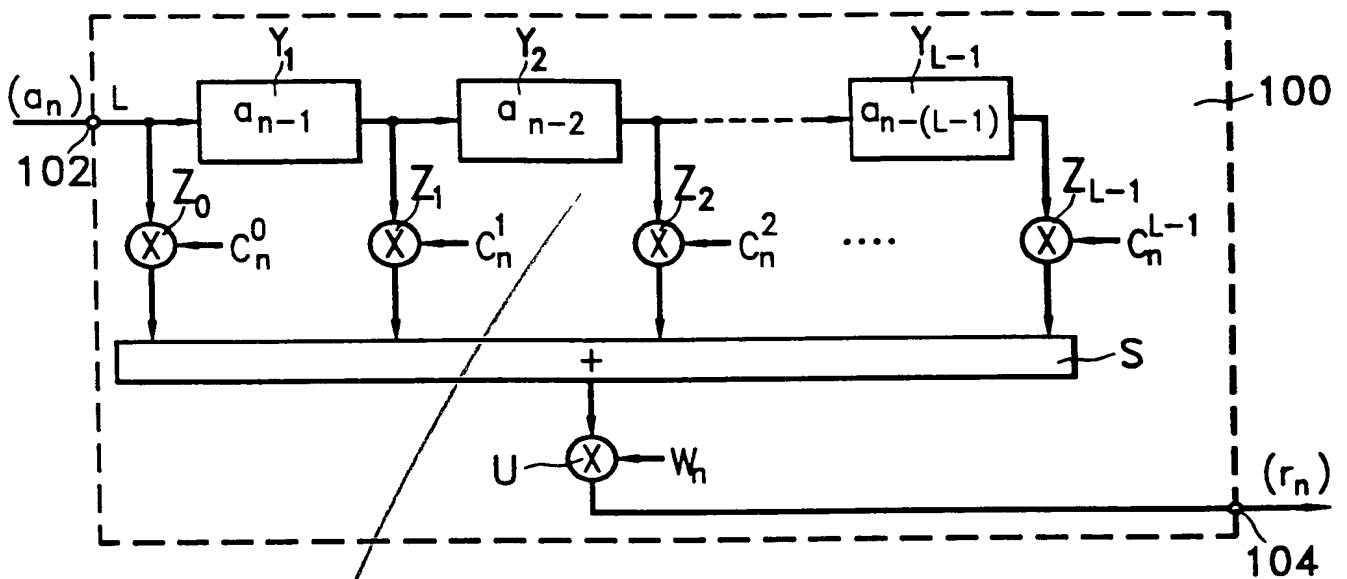


FIG. 9

Sq Ref						
Sq CAZAC						
A...	A_{n-5}	$A_{n-4} = -1$	$A_{n-3} = +1$	$A_{n-2} = +1$	$A_{n-1} = +1$	$A_n = -1$
T1...	$-C_{n-4}^0$	$+C_{n-3}^0$	$+C_{n-2}^0$	$+C_{n-1}^0$	$-C_n^0$	$C_{n+1}^0 A_{n+1}$
T2...	$C_{n-4}^1 A_{n-5}$	$-C_{n-3}^1$	$-C_{n-2}^1$	$+C_{n-1}^1$	$+C_n^1$	$-C_{n+1}^1$
S...	$-C_{n-4}^0$	$+C_{n-3}^0$	$+C_{n-2}^0$	$+C_{n-1}^0$	$-C_n^0$	$C_{n+1}^0 A_{n+1}$
	$+C_{n-4}^1 A_{n-5}$	$-C_{n-3}^1$	$+C_{n-2}^1$	$+C_{n-1}^1$	$+C_n^1$	$-C_{n+1}^1$
	$+W_{n-4}$	$+W_{n-3}$	$+W_{n-2}$	$+W_{n-1}$	$+W_n$	$+W_{n+1}$